

SPRINT-1

Team ID	PNT2022TMID38800
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification

Python Program to send the data to IBM cloud:

```
import json
import collections.abc
import wiotp.sdk.device
import time
myConfig = {
    "identity" : {
        "orgId" : "s2m7ix",
        "typeId" : "Child_Tracker",
        "deviceId" : "Child_Tracker123"},
    "auth":{
        "token":"Child_Tracker123"
    }
}
client = wiotp.sdk.device.DeviceClient(config=myConfig ,logHandlers=None)
client.connect()
while True:
    name = "Child"
    #child is in park
    latitude = 11.56245
    longitude = 79.59692
    #child is outside 11.560738230656101, 79.59760827051736
    #latitude = 11.560738
    #longitude = 79.597608

    myData = {'name':name,'lat' :latitude, 'lon':longitude}

    client.publishEvent(eventId="status",msgFormat="json",data=myData,qos=0,onPublish=None)
    print("Data published to IBM IoT platform : ",myData)
    time.sleep(20)
client.disconnect()
```


2.Connecting the device with Watson Platform:

